

AMENDMENTS TO THE SPECIFICATION

Please amend the specification by rewriting the following paragraphs, as set forth below in marked-up form.

In the paragraphs beginning on page 2, line 17 and ending on page 2, line 33:

--[Means for Solving the Problem]

In order to achieve the above-given objective of the present invention, the present invention provides a multihop radio network system through which signals are transmitted from a source node to a destination node via a-relay nodes, which is characterized by: a source node configured to modulate and transmit signals to reach a destination node via multiple paths; said relay nodes configured to regenerate and relay; and the destination node configured to receive the signals transmitted through the multiple paths by demodulating the signals by hard-decided values in each path and then combining them, taking reliability data of each path into account.

An aspect of the present invention provides a receiver system for a multihop radio network system through which signals are transmitted from a source node to a destination node via a-relay nodes configured to regenerate and relay; the receiver system is characterized by a demodulator configured to demodulate signals by hard-decided values in each path; a combiner configured to depacketize demodulated signals from respective paths and then combine the resulting signals with reliability data, and a decoder configured to decode the resulting combined signal.

The combiner should combine by averaging based on the number of the paths. Furthermore, the combiner may combine by multiplying a weight for each of the paths in accordance with the reliability data.--